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🔍 Title: **JP62048996A2: DEVICE FOR INSTALLING GUARD GRILL FOR FAN**

🔍 Country: **JP Japan**

🔍 Kind: **A**

🔍 Inventor: **HAYASHI MASANARI;**

🔍 Assignee: **MATSUSHITA SEIKO CO LTD**  
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🔍 Published / Filed: **1987-03-03 / 1985-08-29**

🔍 Application Number: **JP1985000188375**

🔍 IPC Code: **F04D 25/08;**

🔍 Abstract: **PURPOSE:** To facilitate the installation of a guard grill by providing base rings formed on the outer peripheral parts of front and rear guard grills respectively, and an engaging ring which is fitted over the outer peripheries of these base rings while which has a collar directed to inner periphery on its front end and plural projections having different phases on its inner peripheral surface.

**CONSTITUTION:** Base rings 3a, 2a are provided on the outer peripheral parts of front and rear guard grills 3, 2, respectively, and an engaging ring 7 which is fitted over the outer peripheries of both the base rings 3a, 2a, is made of an elastic synthetic resin. In the engaging ring 7, a collar 7a which is directed to the inner periphery is formed on its front end over the whole periphery, and plural center projections 7b are provided nearly in the center in the axial direction of the inner peripheral surface of the engaging ring 7, while plural rear projections 7c having a different phase from that of said center projections 7b are provided on its rear end part, and these projections 7b, 7c can be fitted to the outer peripheries of the front and rear base rings 3a, 2a, respectively. Thereby, installing and removing operations of the front and rear guard grills 3, 2 can be easily carried out, obtaining a guard grill installing device with a novel design and having nice appearance after installation.

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🔍 Family: **None**

🔍 Other Abstract Info: **None**



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